



Find an explanation of diaphragm pump housing materials on page 2663.



STANDARD
Pump

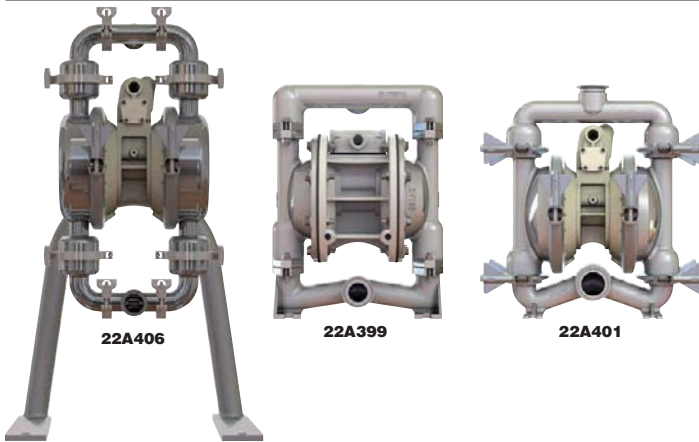
Standard Pump Food-Grade Air-Operated Double-Diaphragm Pumps

Sanitary and FDA Compliant pumps are for food processing and pharmaceutical applications, and can be quickly disassembled for cleaning (COP)

Item	For Use With Grainger Item Number		Item No.
	39N546	39N551	
Wet End	39N546	39N550	24WA30
Repair Kit	39N547		24WA28
AODD Pump	39N544		24WA29
			24WA26

Inlet/Outlet Size	Connection Style	Air Inlet Size	Max. Flow (gpm)*	Max. Temp	Diaphragm Material	Ball Material	Check Seat Material	Max. Dia. Solids	Manifold Connection†	Mgr. Model	PUMP Item No.
316 Stainless Steel Housing											
1 1/2 in	Tri-Clamp	1/2 in NPT	41 gpm	180 °F	Santoprene	Santoprene	316 S.S.	1/8 in	Single	SPFG10SSS	454U32
	Tri-Clamp	1/2 in FNPT	51 gpm	220 °F	PTFE	PTFE	316 S.S.	3/8 in	Single	SPSN15NPT	39N546
2 in	Tri-Clamp	1/2 in FNPT	86 gpm	275 °F	Santoprene	Santoprene	316 S.S.	3/8 in	Single	SPSN15NPS	39N547
	Tri-Clamp	1/2 in NPT	120 gpm	180 °F	Santoprene	Santoprene	316 S.S.	3/16 in	Single	SPFG15SSS	454U34
2 in	Tri-Clamp	1/2 in NPT	120 gpm	180 °F	PTFE	PTFE	316 S.S.	3/16 in	Single	SPFG15SST	454U35
	Tri-Clamp	1/2 in FNPT	147 gpm	220 °F	PTFE	PTFE	316 S.S.	3/8 in	Single	SPSN20NPT	39N548
3 in	Tri-Clamp	1/2 in FNPT	150 gpm	275 °F	EPDM	—	316 S.S.	2 1/2 in	Multiport	SPPP30SSE	53WA92
	Tri-Clamp	1/2 in FNPT	180 gpm	220 °F	PTFE	PTFE	316 S.S.	3/8 in	Single	SPFP30NPT	39N544
	Tri-Clamp	1/2 in FNPT	234 gpm	275 °F	Santoprene	Santoprene	Santoprene	3/8 in	Single	SPFP30NPS	39N545

* Flow rate depends on air pressure and fluid viscosity. † Single = 1 inlet and outlet.



VERSA-MATIC®

Versa-Matic Food-Grade Air-Operated Double-Diaphragm Pumps

3A Sanitary—Feature a leak detection system, clean-in-place (CIP) design, and removable ball cages to ease cleaning. 32 ra surface finish. Models include a rotating pump stand for drainage.

FDA—Constructed of FDA-compliant materials and feature the innovative Eliima-Matic air valve system that virtually eliminates stalling, icing, and the need for lubrication. Pumps have an internal and external electro-polished finish, tri-clamp connections to ease disassembly, and nickel-plated or non-metallic chemical-resistant air sections for washdown.

Inlet/Outlet Size	Connection Style	Air Inlet Size	Max. Flow (gpm)*	Max. Temp	Diaphragm Material	Ball Material	Check Seat Material	Max. Dia. Solids	Manifold Connection†	Mgr. Model	PUMP Item No.	FLUID END REPAIR KIT Item No.	AIR END REPAIR KIT Item No.
3A Sanitary, Stainless Steel Housing													
1 1/2"	Tri-Clamp	1/2 in FNPT	86 gpm	220 °F	PTFE	PTFE	Stainless Steel	3/8"	Single	E4SJ5F5S0-3A	22A406	—	22A483
2"	Tri-Clamp	1/2 in FNPT	147 gpm	220 °F	PTFE	PTFE	Stainless Steel	5/8"	Single	E2SJ5F5S0C-3A	22A407	—	22A484
FDA, Stainless Steel Housing													
1/2"	Tri-Clamp	3/8 in FNPT	12 gpm	220 °F	PTFE	PTFE	Stainless Steel	1/16"	Single	E5SP5F59C-FP	22A398	22A475	22A481
1"	Tri-Clamp	3/8 in FNPT	46 gpm	220 °F	PTFE	PTFE	Stainless Steel	1/8"	Single	E1SP5F59C-FP	22A399	22A476	22A482
1 1/2"	Tri-Clamp	1/2 in FNPT	71 gpm	220 °F	PTFE	PTFE	Stainless Steel	3/16"	Single	E4SJ5F5S0-FP	22A401	22A477	22A483
2"	Tri-Clamp	1/2 in FNPT	185 gpm	220 °F	PTFE	PTFE	Stainless Steel	1/4"	Single	E2SJ5F5S0C-FP-ATEX	22A402	33TC18	22A484
3"	Tri-Clamp	1/2 in FNPT	234 gpm	220 °F	PTFE	PTFE	Stainless Steel	3/8"	Single	E3SJ5T5S0C-FP-ATEX	22A403	22A479	22A485

* Flow rate depends on air pressure and fluid viscosity. † Single = 1 inlet and outlet.



FLOJET WARREN RUPP®
IEX CORPORATION

Air-Operated Double-Diaphragm Pumps

Single Manifold—Feature a stallproof shuttle valve design and plug-in port fittings for easy installation.

Multiport Manifold—Can be run dry without damage. Capable of dead-heading against a closed discharge.

Inlet/Outlet Size	Connec. Style	Air Inlet Size	Max. Flow (gpm)*	Max. Temp	Diaphragm Material	Ball Material	Check Seat Material	Max. Dia. Solids	Manifold Conne.	Self-Priming Dry	Self-Priming Wet	Brand	Mgr. Model	Item No.
Acetal Housing														
3/8 in	Hose Barb	1/4 in Barb	2.5 gpm	120 °F	Viton	Polypropylene	Viton	1/8 in	Single	28 ft	32 ft	Flojet	N5100020G	12W294
Kynar Housing														
3/8 in	NPT	1/4 in FNPT	6.8 gpm	220 °F	PTFE	PTFE	PTFE	1/16 in	Multiport	8 ft	10 ft	Warren-Rupp	WR10KP5BK9.	2ERY9
Polypropylene Housing														
1/2 in	Hose Barb	1/4 in Barb	5 gpm	120 °F	Santoprene	—	Santoprene	1/8 in	Single	15 ft	20 ft	Flojet	G575215Z	4YD53
1/2 in	Hose Barb	1/4 in Barb	5 gpm	120 °F	Viton	Viton	Viton	1/8 in	Single	15 ft	20 ft	Flojet	G573215Z	2XE84
3/8 in	NPT	1/4 in FNPT	5 gpm	275 °F	Santoprene	Santoprene	Santoprene	1/16 in	Multiport	8 ft	10 ft	Warren-Rupp	WR10PP6PP9.	2ERY7
3/8 in	NPT	1/4 in FNPT	6.8 gpm	220 °F	PTFE	PTFE	PTFE	1/16 in	Multiport	8 ft	10 ft	Warren-Rupp	WR10P5BPP9.	2ERY8

* Flow rate depends on air pressure and fluid viscosity.